

RTMA/URMA v2.8 Improvements and Plans for the Future

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The RTMA/URMA is an hourly two-dimensional analysis system that produces analyses of surface sensible weather elements, including QPE, on the NDFD grid for CONUS and OCONUS domains. The RTMA is applied most often for situational awareness and nowcasting applications while the URMA, which runs six hours later, is applied for verification and calibration. The URMA plays a critical role in the NBM for calibration. The RTMA/URMA system is upgraded on an annual basis and is coordinated with the NBM so as not to introduce troublesome conflicts. This talk will review the next upgrade to the two-dimensional RTMA/URMA system, the timeline for implementation into operations, and a look ahead over the next several years toward a fully three-dimensional system.